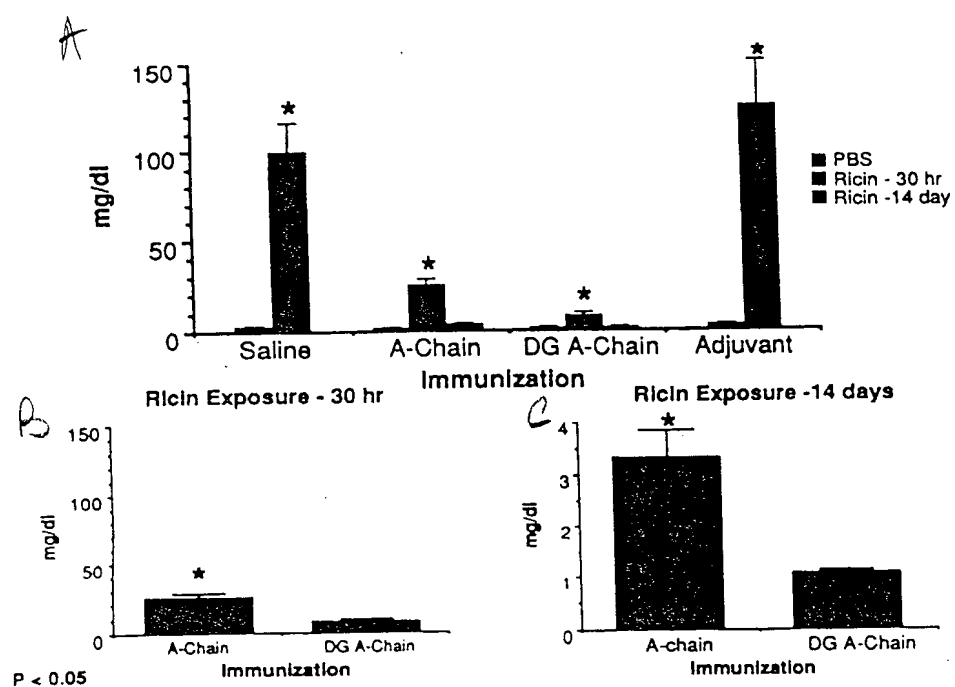


FIGURE 1

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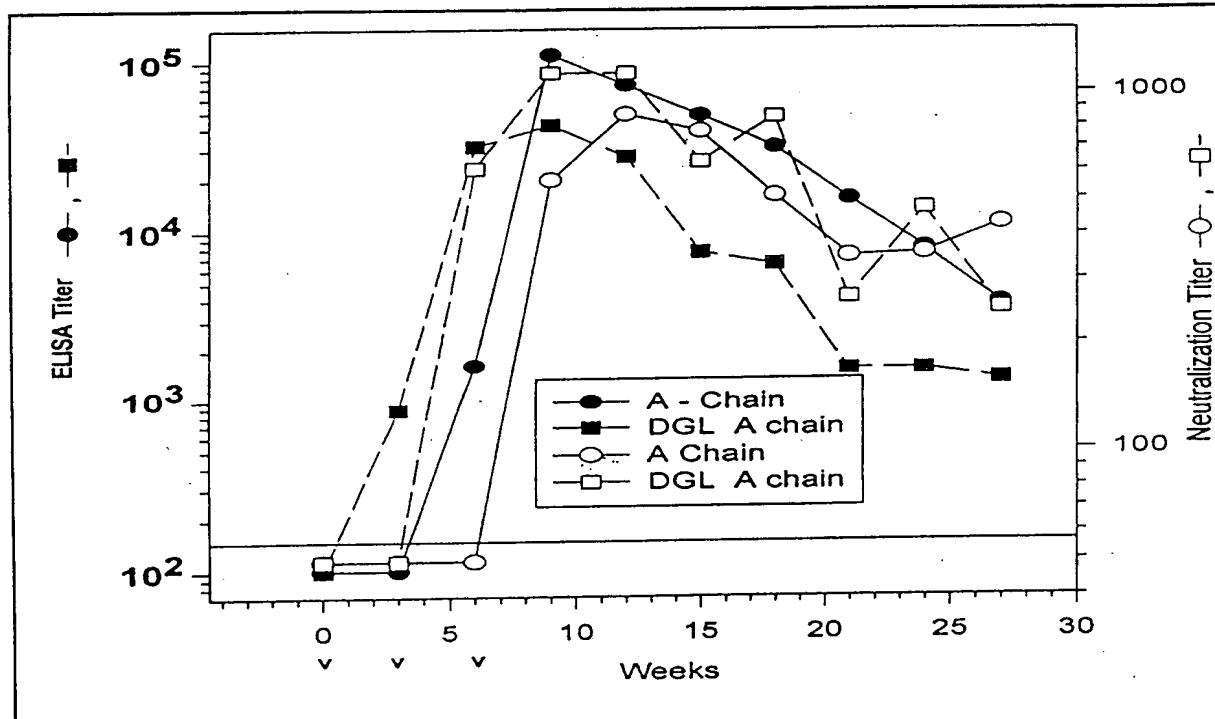
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* = P < 0.05 (difference from PBS aerosol)
+ = P < 0.05 (difference from saline/adjuvant exposed to ricin aerosol)
S = P < 0.05 (difference between dgRTA and RTA exposed to ricin aerosol)

FIGURE 2

Figure 3. Antibody Responses in Rats Vaccinated (v) with RTA or dgRTA



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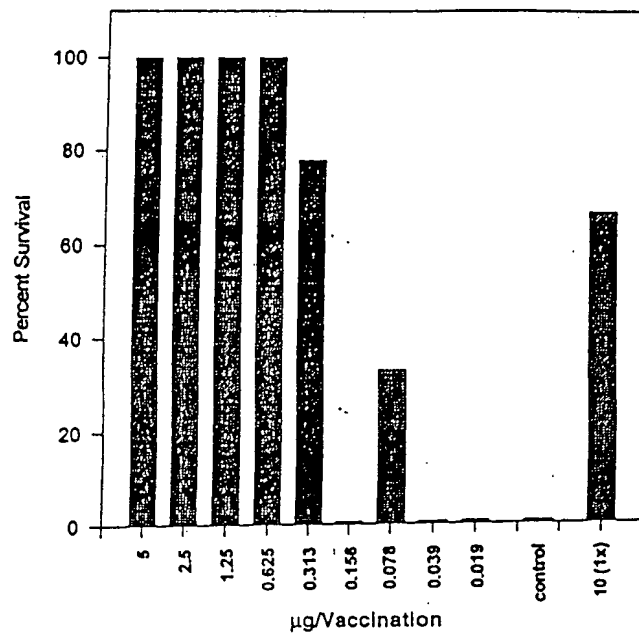


Figure 4. Dose Escalation Study on Survival after Aerosol Ricin Toxin Exposure in Mice Vaccinated with dgRTA

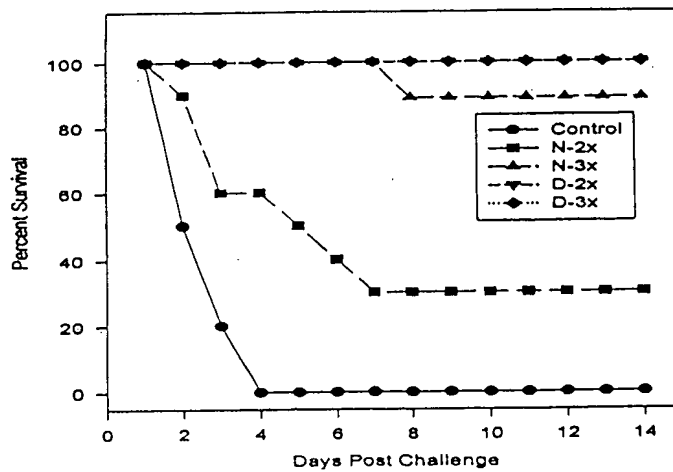


Figure 5. Survival of Mice Vaccinated with Two or Three Doses of RTA (N) or dgRTA (D) and Challenged with Lethal Doses of Aerosolized Ricin Toxin

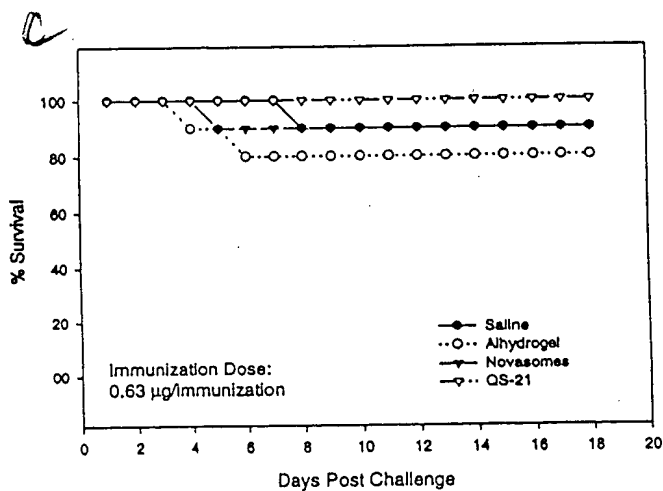
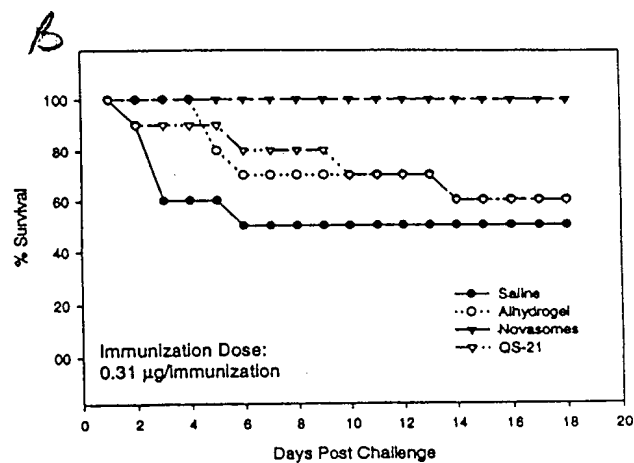
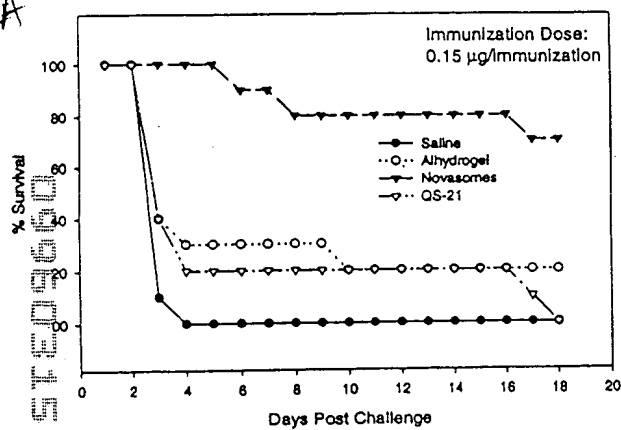


Figure 6. Adjuvant Effect on Survival of dgRTA Vaccinated Mice Exposed to Aerosolized Ricin Toxin

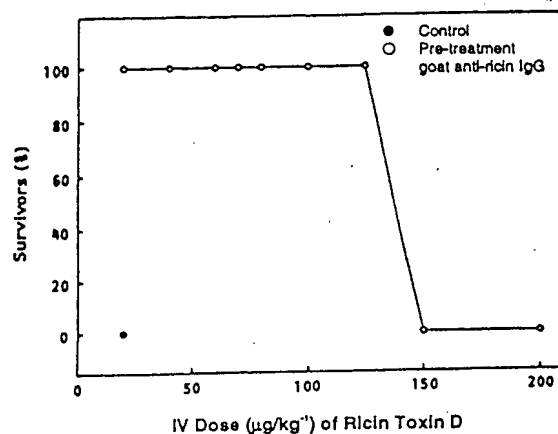


Figure 7. Survival of Mice Passively Immunized with Goat Anti-Ricin IgG and Challenged Intravenously with Increasing Doses of Ricin Toxin D

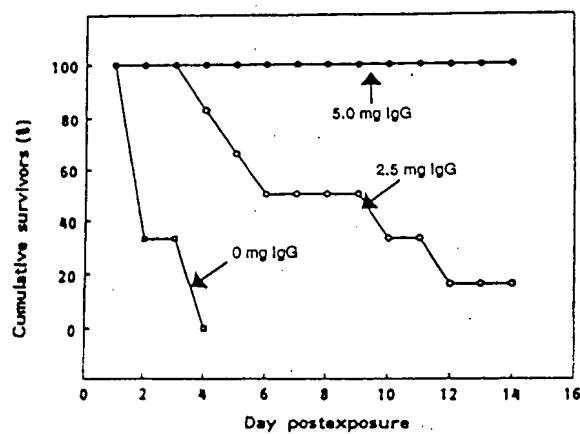
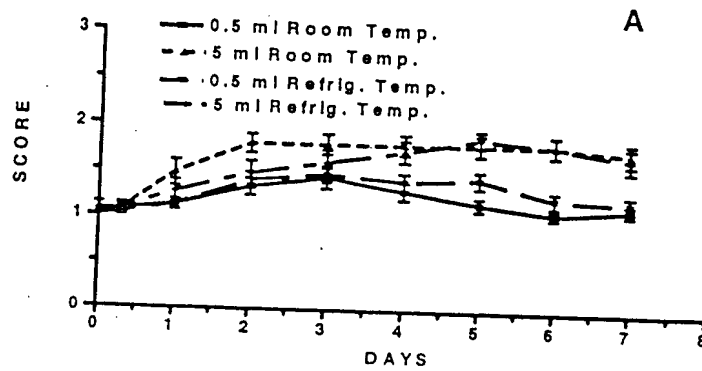


Figure 8. Survival of Mice Passively Immunized with Goat Anti-Ricin IgG and Challenged with Lethal Doses of Aerosolized Ricin Toxin

EFFECT OF STORAGE AND TEMPERATURE ON PARTICLE FORMATION



EFFECT OF STORAGE AND TEMPERATURE ON CLARITY

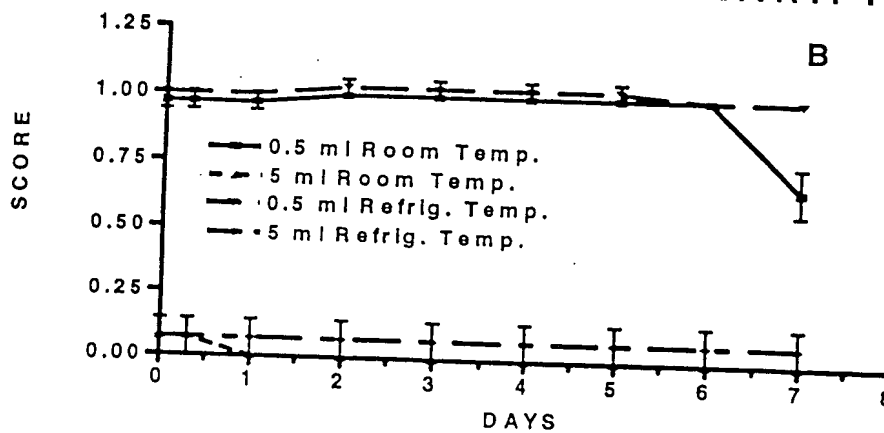


Figure 9. Effect of Duration of Storage at Room Temperature (15°C to 30°C) or Refrigerator Temperature (2°C to 8°C) on Particulate Formation (A) and Clarity (B) of dgRTA Vaccine Reconstituted in 0.5 or 5 ml of Diluent

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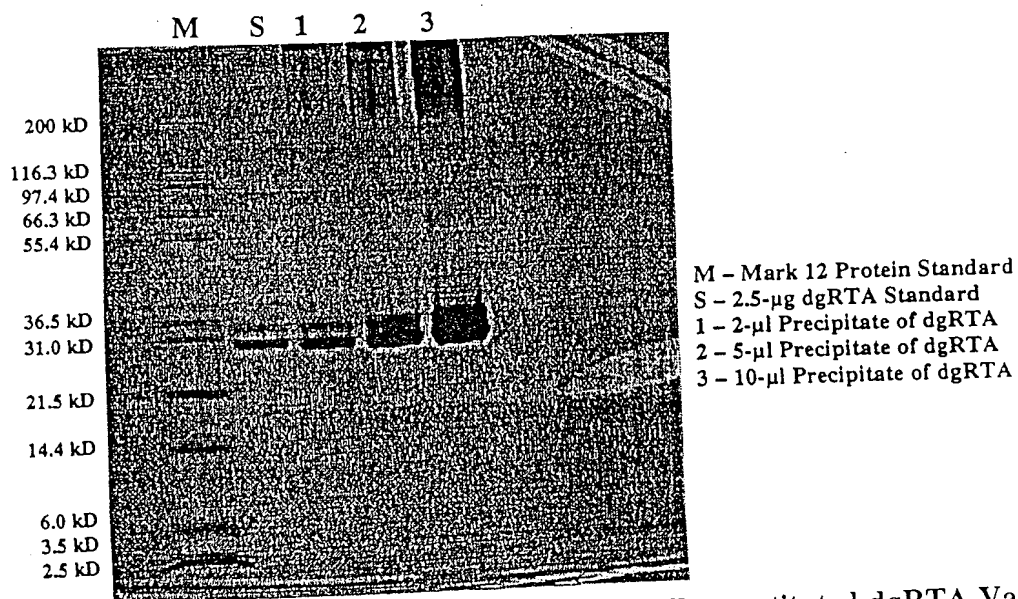


Figure 10. SDS PAGE Electrophoresis of Particulates from Reconstituted dgRTA Vaccine

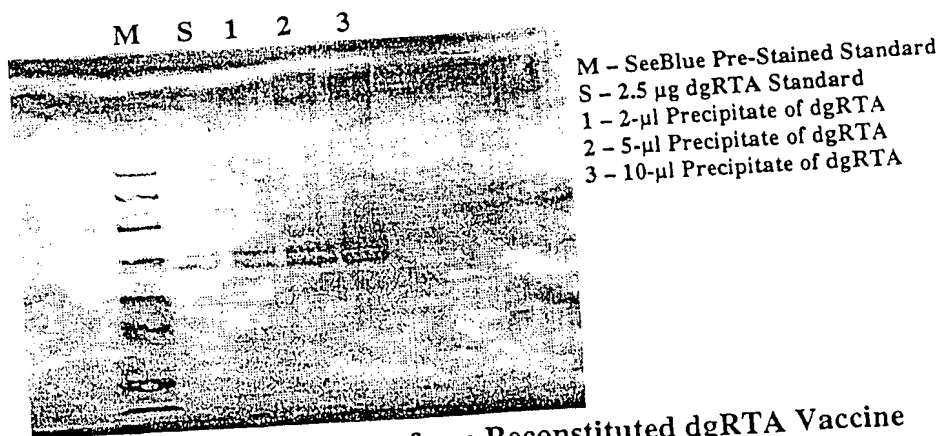
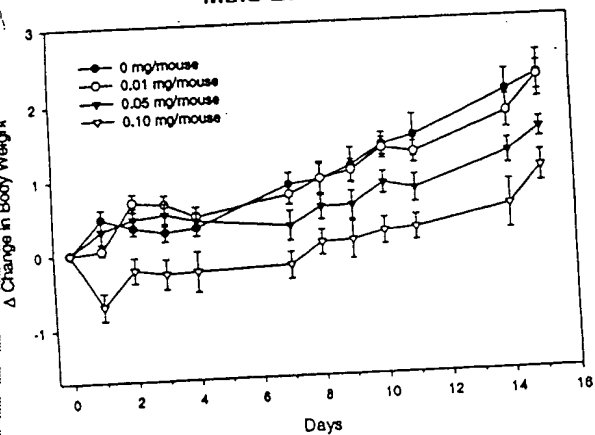


Figure 11. Western Blot of Particulates from Reconstituted dgRTA Vaccine

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Male BALB/c Mice



Female BALB/c Mice

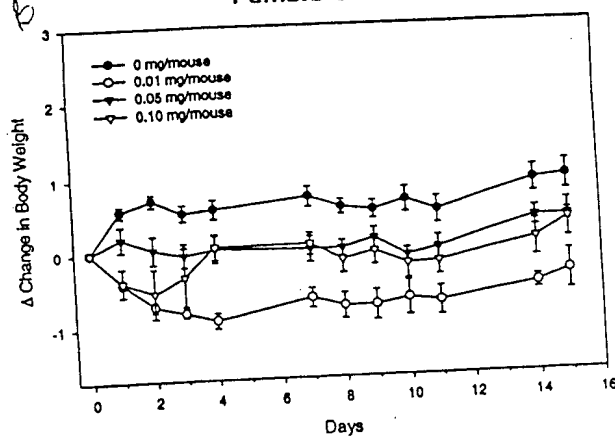


Figure 12. Body Weight Change of Male and Female BALB/c Mice Injected with Acute Doses of dgRTA Vaccine or Saline

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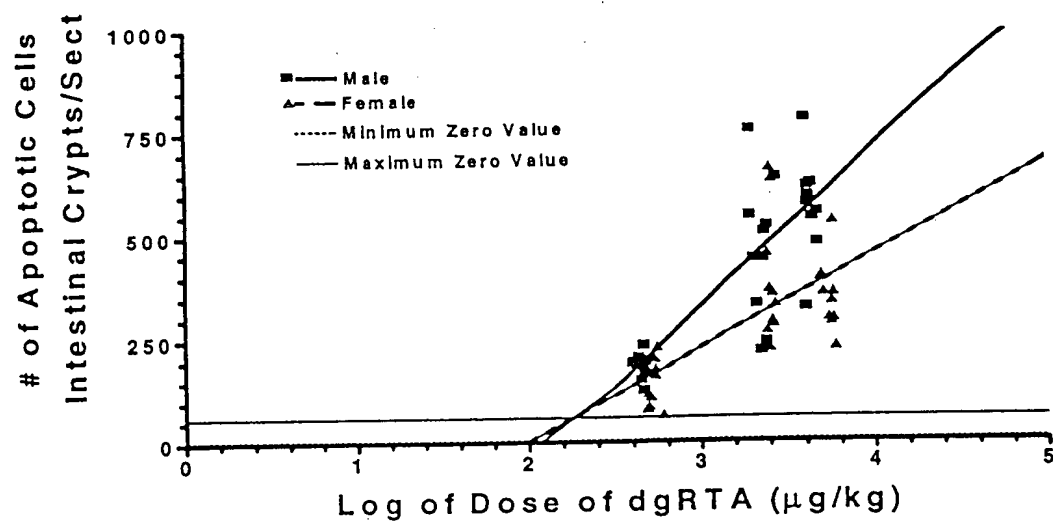


Figure 13. Dose-Response in Intestinal Apoptosis on Day 1 Post-Injection of dgRTA Vaccine

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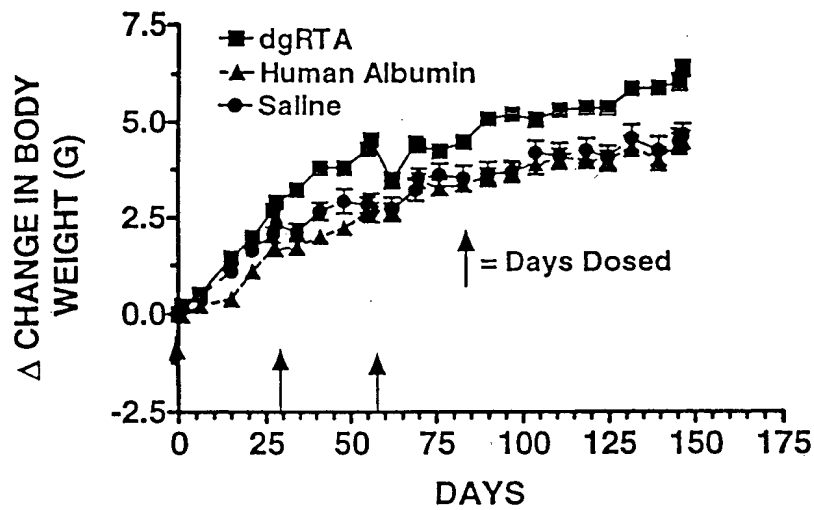


Figure 14. Body Weight Change of Female BALB/c Mice Injected with Multiple Doses of dgRTA Vaccine, Human Albumin, or Saline

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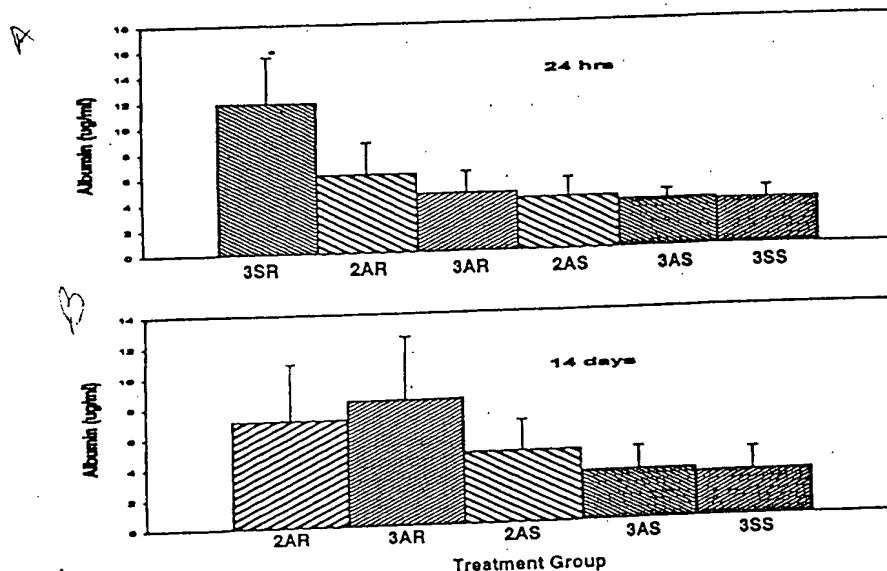


Figure 15. Mouse BAL Fluid Post-Ricin Toxin Aerosol Challenge

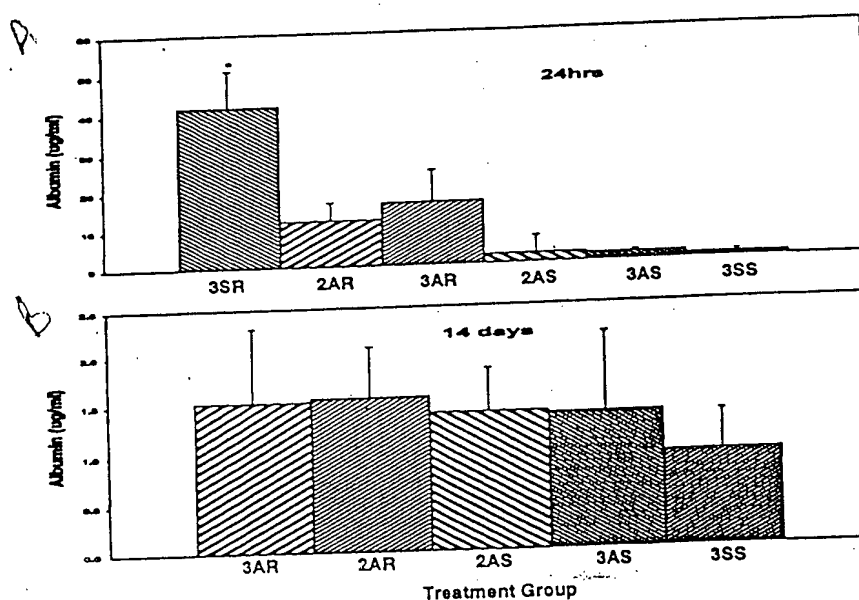


Figure 16. Rat BAL Fluid Post-Ricin Aerosol Challenge

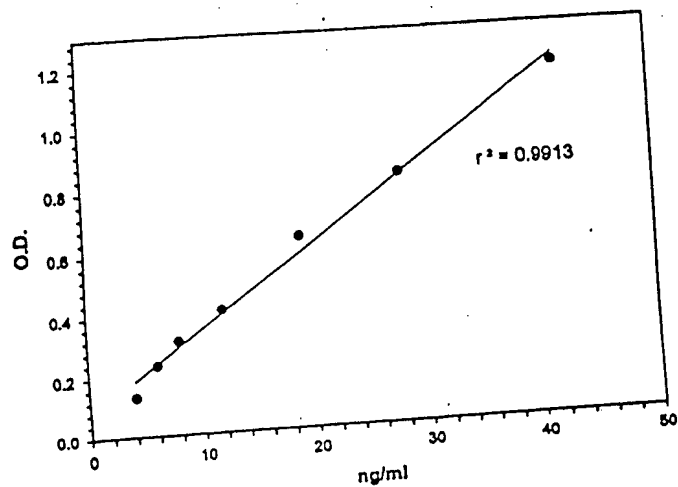


Figure 17. Standard Curve for Mouse Anti-Ricin Toxin IgG

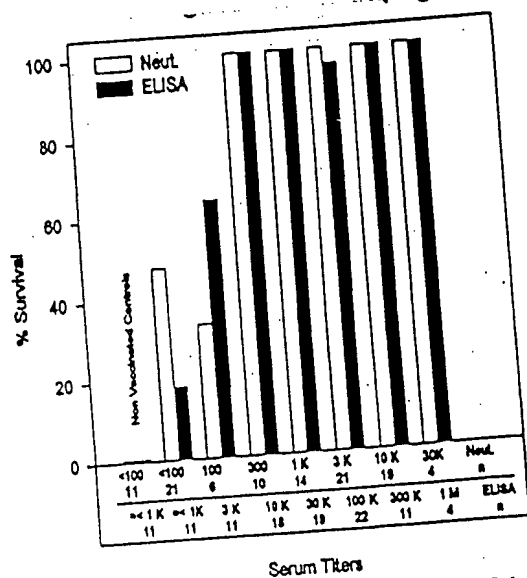


Figure 18. Comparison of Immune Response to Survival in Mice Vaccinated with dgRTA Vaccine and Exposed to Aerosolized Ricin Toxin D

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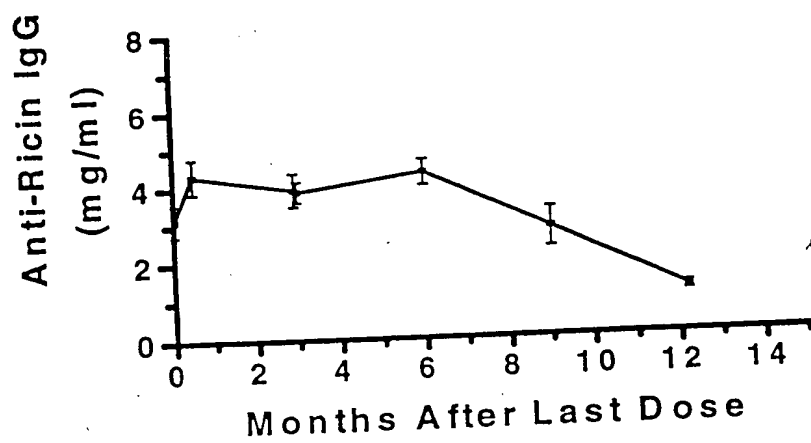


Figure 19. Serum Anti-Ricin IgG Concentration at Various Times after Last Dosing with dgRTA Vaccine